

Nº 4.

Cable Survey.



#135 - Nov 5 10th 1891

to

#14 - Nov 14th 1891



2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
* 300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

N. 102 2801

No. 146 Survey Date Nov 3 10 - 1891.

Sigsbee Machine. #1 Reel Navy-

Turns 2384 Cor. + 166 Depth 2550 fms.

Shot ~~on lead~~ 60 lbs.

Bottom

bn: oz

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 68

Surface 69

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1- 41-30	56-15	0		
42-35	55-15	100		
43-45	54-15	200		
44-40	53-15	300		
45-45	52-15	400		
46-45	51-30	500		
47-50	50-15	600		
49-00	49-15	700		
50-05	48-00	800		
51-15	43-15	900		
52-30	41-30	1000		
53-45	40-00	1100		
55-00	37-00	1200		
56-20	34-00	1300		
57-40	31-00	1400		
59-00	28-45	1500		
2- 00-20	27-15	1600		
01-45	25-45	1700		
03-15	24-15	1800		
04-35	22-35	1900		
06-05	21-00	2000		
07-35	19-20	2100		
09-05	17-45	2200		
10-40	16-10	2300		
12-00	2-15-00	2384		

*Log read: 58.6 - knots while hauling in.
Ran 1 6/10*

2500	4682	219
2600	<u>2384</u>	<u>53</u>
2700	2300	166
2800		<u>2384</u>
2900		2550
3000		
3100		
3200		
3300		
3400		
3500	4682	219
3600	<u>2384</u>	<u>53</u>
3700	2298	166
3800		<u>2384</u>
3900		2550
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:
 Engine acting crankily -
 Appears to be out of order

2802

No. *147* *Surrey* Date *Nov. 10/91.*

Sigsbee Machine. # *7* Reel. *Navy*

Turns *2460* Cor. + *169* Depth *2629*

Shot or lead *60 lbs.*

Bottom *bn. oz.*

Bottom temperature *-*

No. of thermometer *-* Cor. *-*

Corrected temperature *-*

Air *67* Surface *69* Drift *-*

Trawl or dredge *-*

Att

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-01-0</i>	<i>21-0</i>	<i>0</i>		
<i>02-15</i>	<i>20-10</i>	<i>100</i>		
<i>03-30</i>	<i>19-15</i>	<i>200</i>		
<i>04-50</i>	<i>18-05</i>	<i>300</i>		
<i>06-5</i>	<i>16-55</i>	<i>400</i>		
<i>07-30</i>	<i>15-45</i>	<i>500</i>		
<i>09-0</i>	<i>14-35</i>	<i>600</i>		
<i>10-20</i>	<i>12-40</i>	<i>700</i>		
<i>11-40</i>	<i>10-40</i>	<i>800</i>		
<i>13-0</i>	<i>08-40</i>	<i>900</i>		
<i>14-20</i>	<i>07-0</i>	<i>1000</i>		
<i>15-35</i>	<i>05-15</i>	<i>1100</i>		
<i>17-15</i>	<i>03-45</i>	<i>1200</i>		
<i>18-20</i>	<i>5-01-30</i>	<i>1300</i>		
<i>19-40</i>	<i>54-35</i>	<i>1400</i>		
<i>21-0</i>	<i>57-50</i>	<i>1500</i>		
<i>22-30</i>	<i>56-0</i>	<i>1600</i>		
<i>24-0</i>	<i>53-55</i>	<i>1700</i>		
<i>25-25</i>	<i>51-45</i>	<i>1800</i>		
<i>26-55</i>	<i>49-40</i>	<i>1900</i>		
<i>28-35</i>	<i>47-50</i>	<i>2000</i>		
<i>30-10</i>	<i>46-10</i>	<i>2100</i>		
<i>31-40</i>	<i>44-15</i>	<i>2200</i>		
<i>33-15</i>	<i>42-25</i>	<i>2300</i>		
<i>34-55</i>	<i>4-40-50</i>	<i>2400</i>		

*Long Reels 6 & 6
Knots while reeling in*

4-36-0	4-38-40	2460	4682	219
		2500	2460	50
		2600		
		2700	2222	169
		2800		2460
		2900		2629
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2460	50
		3500	2222	169
		3600		2460
		3700		2629
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *7803*
 No. *148* Survey Date *Nov. 10/91.*
Sigsbee Machine. *#1* Reel. *Star.*

Turns *2445* Cor. + *169* Depth *2614 fathoms*

Shot or lead *60 lbs.*

Bottom *bn. oz.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *67* Surface *69* Drift *—*

Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-32-0</i>	<i>40-20</i>	<i>0</i>		
<i>33-10</i>	<i>39-10</i>	<i>100</i>		
<i>34-30</i>	<i>37-25</i>	<i>200</i>		
<i>35-45</i>	<i>36-15</i>	<i>300</i>		
<i>37-0</i>	<i>35-35</i>	<i>400</i>		
<i>38-0</i>	<i>34-20</i>	<i>500</i>		
<i>39-15</i>	<i>33-5</i>	<i>600</i>		
<i>40-30</i>	<i>31-45</i>	<i>700</i>		
<i>41-40</i>	<i>30-35</i>	<i>800</i>		
<i>43-0</i>	<i>29-30</i>	<i>900</i>		
<i>44-20</i>	<i>28-15</i>	<i>1000</i>		
<i>45-40</i>	<i>26-50</i>	<i>1100</i>		
<i>47-5</i>	<i>25-35</i>	<i>1200</i>		
<i>48-30</i>	<i>24-15</i>	<i>1300</i>		
<i>49-55</i>	<i>23-0</i>	<i>1400</i>		
<i>51-30</i>	<i>21-45</i>	<i>1500</i>		
<i>53-0</i>	<i>20-30</i>	<i>1600</i>		
<i>54-30</i>	<i>19-10</i>	<i>1700</i>		
<i>56-10</i>	<i>17-50</i>	<i>1800</i>		
<i>57-45</i>	<i>16-30</i>	<i>1900</i>		
<i>58-20</i>	<i>15-20</i>	<i>2000</i>		
<i>7-0-1</i>	<i>14-5</i>	<i>2100</i>		
<i>02-30</i>	<i>12-50</i>	<i>2200</i>		
<i>04-05</i>	<i>11-25</i>	<i>2300</i>		
<i>6-0</i>	<i>7-09-50</i>	<i>2400</i>		

Log reel 76-6
depth 1-1 knots. white reel in

7-7-0	7-9-0	2445	4682	219
		2500	2445	50
		2600		
		2700	2237	169
		2800		2445
		2900		2614
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2445	50
		3500	2239	169
		3600		2445
		3700		2614
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2804

No. 149 Survey Date Nov 10th 1891

Sigsbee Machine. * 1 Reel. Navy

Turns 2546 Cor. + 173 Depth 2719 fms

Shot or lead 60 lb

Bottom br o.

Bottom temperature 35.0

No. of thermometer 69488 Cor. +0.1

Corrected temperature 35.1

Air 67 Surface 68 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8 47.35	53.00	0		
48.35	51.45	100		
49.35	50.50	200		
50.40	49.40	300		
51.45	48.30	400		
52.50	47.20	500		
53.50	46.10	600		
55.00	45.00	700		
56.15	43.45	800		
57.25	42.35	900		
58.35	41.30	1000		
59.55	40.25	1100		
9 01.15	39.25	1200		
02.25	38.15	1300		
03.45	37.10	1400		
05.10	35.35	1500		
06.35	34.35	1600		
08.10	33.30	1700		
09.30	32.10	1800		
10.50	30.50	1900		
12.30	29.45	2000		
13.45	28.30	2100		
15.20	27.25	2200		
17.00	26.10	2300		
18.45	24.50	2400		

Log read 886

Made 0.7 knots while reeling in

Towed surface net on sled made for 25 min

<i>Ans</i>		<i>Ans</i>		4682		219	
9 20 20		9.23.15		2546		46	
21.00		22.20		213		6 173	
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300		4682	
				3400		2546	
				3500		2136	
				3600		2546	
				3700		2719	
				3800			
				3900			
				4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7805

No. *5* Date *July 11*
Machine. Reel.
 Turns *172* Cor. + *172* Depth *172*
 Shot or lead *60-l*
 Bottom *m. gy.*
 Bottom temperature _____
 No. of thermometer _____ Cor. _____
 Corrected temperature _____
 Air *66* Surface *67* Drift _____
 Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-04-56</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
<i>18 00</i>		1700		
		1800		
<i>21 10</i>		1900		
		2000		
		2100		
		2200		
<i>27 15</i>		2300		
<i>28 15</i>		2400		

any	inc				4400	219
		6.20	2500		2028	47
11 00	11 51 10		2600		2154	172
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300		4682	219
			3400		2528	47
			3500		2154	172
			3600			
			3700			
			3800			
			3900			
			4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2806

No. 151 Survey. Date Nov - 10 - 1891

Machine. / Reel.

Turns 2530 Cor. + 172 Depth 2702 fm

Shot or lead 60 lbs.

Bottom fn. s.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-10	16-00	0		
11-00	14-30	100		
12-00	13-30	200		
13-15	12-40	300		
14-15	11-45	400		
15-25	10-45	500		
16-30	09-45	600		
18-00	08-45	700		
19-10	07-45	800		
20-20	06-40	900		
21-30	05-30	1000		
22-45	04-20	1100		
24-00		1200		
25-10		1300		
26-45	06-45	1400		
28-11		1500		
29-35	58-00	1600		
31-00	56-45	1700		
32-20	55-15	1800		
33-45	53-45	1900		
35-10	52-30	2000		
36-45	51-15	2100		
38-15	50-00	2200		
39-45	48-45	2300		
40-15	47-15	2400		

6 fms
16/10

1-43-00	4-43-00	2500	4682	219
43-45	1-46-00	2530	2530	
		2600		
		2700		
		2800		2530
		2900		2702
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	4682	219
		3600	2530	47
		3700	2152	172
		3800		2530
		3900		2702
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *152* Date *Jan 21*Machine. *1* Reel. *1*Turns *24* Cor. + *15* Depth *257 fms.*Shot or lead *60 lbs.*Bottom *br. oz.*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *7°* Surface *69* Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3-16-45</i>	<i>17-30</i>	0
<i>17-45</i>	<i>16-50</i>	100
<i>18-30</i>	<i>16-05</i>	200
<i>19-30</i>	<i>15-15</i>	300
<i>20-30</i>	<i>14-30</i>	400
<i>21-30</i>	<i>13-40</i>	500
<i>22-30</i>	<i>12-45</i>	600
<i>30</i>	<i>11-50</i>	700
<i>24-30</i>	<i>10-55</i>	800
<i>25-30</i>	<i>10-0</i>	900
<i>26-30</i>	<i>09-0</i>	1000
<i>27-45</i>	<i>08-0</i>	1100
<i>29-00</i>	<i>07-0</i>	1200
<i>30-10</i>	<i>05-55</i>	1300
<i>1-30</i>	<i>05-55</i>	1400
<i>32-30</i>	<i>04-0</i>	1500
<i>33-50</i>	<i>03-0</i>	1600
<i>35-15</i>	<i>01-50</i>	1700
<i>36-40</i>	<i>4-00-00</i>	1800
<i>37-55</i>	<i>59-00</i>	1900
<i>39-15</i>	<i>58-00</i>	2000
<i>40-35</i>	<i>56-45</i>	2100
<i>42-30</i>	<i>55-45</i>	2200
<i>44-00</i>	<i>54-45</i>	2300
<i>45-00</i>		2400

2-5714.6-00 *3-53-00* *2420*

Log read. 18.

Ran knots while reeling in.

	2500	4682	219
	2600	<u>2420</u>	<u>52</u>
	2700	2262	167
	2800		<u>2420</u>
	2900		2587
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	<u>2420</u>	<u>52</u>
	3700	2262	167
	3800		<u>2420</u>
	3900		2587
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Under Net

30 started up

2101

No. 153 Durrey Date Nov 10/91

Sigsbee Machine. 1 Reel. Navy

Turns 2350 Cor. + 165 Depth 2515

Shot or lead 60 lbs 0

Bottom m. oz.

Bottom temperature 35.0

No. of thermometer 69488 Cor. + 0.1

Corrected temperature 35.1

Air 70 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5-37-0		0		
2	34.50	100		
2-50	33.50	200		
41-0	32.50	300		
42-20	31.50	400		
43-30	30.55	500		
40	29.55	600		
	28.55	700		
5	27.55	800		
11-20	26.59	900		
44-40	26.10	1000		
		1100		
53-25	23.50	1200		
5	22.50	1300		
55-0	21.40	1400		
56-20	20.35	1500		
57-40	19.20	1600		
58-0	18.10	1700		
6-0-20	17.05	1800		
		1900		
		2000		
		2100		
5:55	12.10	2200		
1-0-0	11.05	2300		
59-00	10.10	2400		

Log read: 9 knots while heaving in.
 Raw

	2500		
	2600	23.41	
	2700	23.42	
	2800		
	2900		20.4
	3000		
	3100		
	3200		
	3300	46.12	
	3400	23.50	
	3500	23.52	20.6
	3600		20.6
	3700		20.6
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 154 Survey Date Nov 7

Machine. Reel.

Turns 2330 Cor. + 164

Depth 2494

Shot or lead 60 lb

Bottom fn. gy.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 68 Surface 70

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	43-45	0		
	42-45	100		
	41-45	200		
	40-45	300		
	39-45	400		
	38-45	500		
	37-45	600		
	36-45	700		
	35-45	800		
	34-45	900		
	33-55	1000		
	32-55	1100		
	31-55	1200		
	30-55	1300		
	29-55	1400		
	28-55	1500		
	27-55	1600		
	26-55	1700		
	25-55	1800		
	24-55	1900		
	23-55	2000		
	22-55	2100		
	21-55	2200		
	20-55	2300		
	19-55	2400		

dag with: 38.6
 Row 1312 knots white pulling

	2500		
	2600	225	55
	2700	164	164
	2800		225
	2900		75
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	225	55
	3700	225	164
	3800		225
	3900		2500
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

10

2810

No. 155 Survey Date Nov 2 10 - 1891.

Machine. 1 Reel. Vane.

Turns 2251 Cor. + 161 Depth 2412 fms.

Shot or lead 60 lbs.

Bottom fm. gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9-56-00	49-30	0		
57-00	48-30	100		
58-15	47-35	200		
59-15	46-40	300		
10-00-10	45-45	400		
01-05	44-50	500		
02-10	44-00	600		
03-15	43-00	700		
04-30	42-00	800		
05-40	41-00	900		
06-45	39-50	1000		
08-00	38-35	1100		
09-15	37-30	1200		
10-30	36-20	1300		
11-45	35-15	1400		
13-00	34-10	1500		
14-30	33-10	1600		
16-00	32-10	1700		
17-00	31-10	1800		
18-15	30-10	1900		
20-20	29-15	2000		
22-00	28-15	2100		
23-40	27-10	2200		
24-30	10-26-00	2251		
		2300		
		2400		

Log read: 48.6

Raw 1 1/10 knots with pulling on

2500	4682	210
2600	<u>2251</u>	<u>58</u>
2700	2431	161
2800		<u>2251</u>
2900		2412
3000		
3100		
3200		
3300		
3400	4682	219
3500	<u>2251</u>	<u>58</u>
3600	2431	161
3700		<u>2251</u>
3800		2412
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1105 2811

No. 156 Date Nov 2 10-1891

Machine. Reel.

Turns 1930 Cor. + 142 Depth 2072

Shot or lead 60 lbs.

Bottom M. G. S.

Bottom temperature 35°

No. of thermometer 69488 Cor. + 0.1

Corrected temperature 35.1

Air 68 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-05-00		0		
01-10		100		
02-05		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read: 58.6.
 Row — knots, wind, etc.

	2500	4682	
	2600	1930	
	2700	2757	
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4682	77
	3400	1930	142
	3500	2757	195
	3600		2374
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

The temperature of the surface water was 46.82° C. at 2500 fms. and 19.30° C. at 2600 fms. The temperature of the bottom water was 27.57° C. at 2700 fms. and 46.82° C. at 3300 fms. The temperature of the bottom water was 19.30° C. at 3400 fms. and 27.57° C. at 3500 fms. The temperature of the bottom water was 46.82° C. at 3600 fms. and 19.30° C. at 3700 fms. The temperature of the bottom water was 27.57° C. at 3800 fms. and 46.82° C. at 3900 fms. The temperature of the bottom water was 19.30° C. at 4000 fms.



2812

No.

157

Date

Oct 11

Machine.

Reel.

4

Turns

2050

Cor. +

146

Depth

2196

Shot or lead

60 lbs

Bottom

m. gy.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

69

Surface

69

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log reads 2196
Raw knots while reeling in.

	2500		
	2600	20 50	<u>1</u>
	2700	26 32	14
	2800		
	2900		
	3000		
	3100		
	3200	46 82	219
	3300	20 50	<u>70</u>
	3400	26 32	149
	3500		<u>2050</u>
	3600		2199
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Nov. 11/91

Machine. / Reel.

Turns 2575 Cor. + 174

Depth

Shot or lead 60 lb

Bottom m. gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 68 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read:

Ran 2 knots while pulling in.

3-23-40 25-0	24-30 3-25-30	2500	1.1	
		2600		
		2700	3.1	
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4682	21.7
		3400	2575	4.5
		3500	2187	10.0
		3600		25.5
		3700		27.4
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				21.4
300				1.1
400				3
500				
600				
700				
800				
900				
1000				

REMARKS:

2814

No. 159

Date

11/1/00

Machine. 47 Reel.

Turns 2567 Cor. + 16

Depth 2567 fms

Shot or lead 60 lbs

Bottom bn. gy.

Bottom temperature 35.0

No. of thermometer 69488 Cor. +0.1

Corrected temperature 35.1

Air 68 Surface 69 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5. 00	37.30	0		
15. 50	16. 15	100		
17. 00	64. 15	200		
18. 10	63. 35	300		
67. 25	62. 30	400		
16. 20	61. 25	500		
17. 45	60. 25	600		
18. 25	59. 25	700		
19. 45	58. 20	800		
20. 30	57. 15	900		
21. 45	56. 15	1000		
22. 10	55. 15	1100		
23. 35	54. 15	1200		
24. 00	53. 45	1300		
25. 10	52. 45	1400		
26. 50	51. 45	1500		
28. 10	50. 15	1600		
29. 35	49. 00	1700		
30. 00	47. 45	1800		
31. 20	46. 35	1900		
32. 00	45. 15	2000		
33. 30	44. 10	2100		
34. 05	43. 30	2200		
35. 30	42. 30	2300		
36. 15	41. 30	2400		

Log read: 116

Raw 1.1 knots while pulling in

		2500	4682	219
		2600	2400	52
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2400	52
		3500	2282	167
		3600		240
		3700		2567
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *160* Date *Nov 11*
 Machine. *#2* Reel. *Na*
 Turns *2578* Cor. + *174* Depth *2752*
 Shot or lead *60 lbs*
 Bottom *M. G.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *00* Surface *60* Drift
 Trawl or dredge.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read: *4*
Raw 16/10 knots while reeling in.

<i>am</i> 7. 45. 15	<i>am</i> 52.00	2500	4682	215
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	4682	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.1 2816

No. 161 Date Aug 3 11-1891

Machine. 1 Reel

Turns 299 Cor. + 17 Depth 244 fms

Shot or lead 60 lbs

Bottom m. Gs. Lava

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 69 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-30	12-30	0		
11-30	11-30	100		
11-40	11-40	200		
10-45	10-45	300		
09-45	09-45	400		
08-50	08-50	500		
07-50	07-50	600		
06-50	06-50	700		
05-45	05-45	800		
04-41	04-41	900		
03-50	03-50	1000		
02-50	02-50	1100		
10-11-00	10-11-00	1200		
59-45	59-45	1300		
58-30	58-30	1400		
57-15	57-15	1500		
56-00	56-00	1600		
55-00	55-00	1700		
54-00	54-00	1800		
53-00	53-00	1900		
52-00	52-00	2000		
51-00	51-00	2100		
		2200		
40	40	2300		
		2400		

Log read: 1
 Raw 14 knots while reeling in

1-45		2500	4682	
		2600	<u>2476</u>	<u>4</u>
		2700	2206	170
		2800		<u>2476</u>
		2900		<u>2646</u>
		3000		
		3100		
		3200		
		3300		
		3400	4682	214
		3500	<u>2476</u>	<u>49</u>
		3600	2206	170
		3700		<u>2476</u>
		3800		<u>2646</u>
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2817

No. 2

Date

June 11 1871

Machine.

Reel.

Turns 2550 Cor. + 173

Depth 2723 fms.

Shot ~~or lead~~ 60 lbs.

Bottom br. G. S.

Bottom temperature did not

No. of thermometer 69488

Cor. —

Corrected temperature

Air 70 Surface 69

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

31-45

44-30

48-00

50-00

51-00

52-00

53-00

54-00

55-00

56-00

57-00

58-00

59-00

60-00

61-00

62-00

63-00

64-00

65-00

66-00

67-00

68-00

69-00

70-00

71-00

72-00

73-00

74-00

75-00

76-00

77-00

78-00

79-00

80-00

81-00

82-00

83-00

84-00

85-00

86-00

87-00

88-00

89-00

90-00

91-00

92-00

93-00

94-00

95-00

96-00

97-00

98-00

99-00

100-00

101-00

102-00

103-00

104-00

105-00

106-00

107-00

108-00

109-00

110-00

111-00

112-00

113-00

114-00

115-00

116-00

117-00

118-00

119-00

120-00

121-00

122-00

123-00

124-00

125-00

126-00

127-00

128-00

129-00

130-00

131-00

132-00

133-00

134-00

135-00

136-00

137-00

138-00

139-00

140-00

141-00

142-00

143-00

144-00

145-00

146-00

147-00

148-00

149-00

150-00

151-00

152-00

153-00

154-00

155-00

156-00

157-00

158-00

159-00

160-00

161-00

162-00

163-00

164-00

165-00

166-00

167-00

168-00

169-00

170-00

171-00

172-00

173-00

174-00

175-00

176-00

177-00

178-00

179-00

180-00

181-00

182-00

183-00

184-00

185-00

186-00

187-00

188-00

189-00

190-00

191-00

192-00

193-00

194-00

195-00

196-00

197-00

198-00

199-00

200-00

201-00

202-00

203-00

204-00

205-00

206-00

207-00

208-00

209-00

210-00

211-00

212-00

213-00

214-00

215-00

216-00

217-00

218-00

219-00

220-00

221-00

222-00

223-00

224-00

225-00

226-00

227-00

228-00

229-00

230-00

231-00

232-00

233-00

234-00

235-00

236-00

237-00

238-00

239-00

240-00

241-00

242-00

243-00

244-00

245-00

246-00

247-00

248-00

249-00

250-00

251-00

252-00

253-00

254-00

255-00

256-00

257-00

258-00

259-00

260-00

261-00

262-00

263-00

264-00

265-00

266-00

267-00

268-00

269-00

270-00

271-00

272-00

273-00

274-00

275-00

276-00

277-00

278-00

279-00

280-00

281-00

282-00

283-00

284-00

285-00

286-00

287-00

288-00

289-00

290-00

291-00

292-00

293-00

294-00

295-00

296-00

297-00

298-00

299-00

300-00

301-00

302-00

303-00

304-00

305-00

306-00

307-00

308-00

309-00

310-00

311-00

312-00

313-00

314-00

315-00

316-00

317-00

318-00

319-00

320-00

321-00

322-00

323-00

324-00

325-00

326-00

327-00

328-00

329-00

11-47 30	47-47	2500	46.17	21.3
45-27	11-47-30	2600	2.55	4.6
		2700	7.13	17.3
		2800		25.50
		2900		27.23
		3000		
		3100		
		3200		
		3300		
		3400	46.84	21.9
		3500	2.55	4.6
		3600	7.13	17.3
		3700		25.50
		3800		27.23
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2018

No. 160 Purray, Date Nov. 11
Machine. #11 Reel. Navy

Turns Cor. + 169 Depth 2637

Shot or lead 60 lb

Bottom bn. gy.

Bottom temperature

No. of thermometer 69488 Cor. —

Corrected temperature —

Air 71 Surface 69 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-45	0-45	0		
45	8-10	100		
	1-40	200		
	2-20	300		
		400		
	4-15	500		
10-45	4-15	600		
		700		
	7-25	800		
10-45	1-20	900		
21-0	1-40	1000		
2-15	2-15	1100		
	3-20	1200		
41-45	5-20	1300		
41-45	5-40	1400		
	6-10	1500		
21-0	7-15	1600		
	8-20	1700		
31-50	9-40	1800		
32-15	10-25	1900		
34-45	11-10	2000		
	12-15	2100		
1-45	13-45	2200		
1-20	14-20	2300		
41-50	15-19-20	2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	96.5	2.19
	3200	96.5	5.2
	3300	96.5	16.9
	3400		
	3500		26.37
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

30
 0.1
 1.0
 2.0
 3.0
 4.0
 5.0
 6.0
 7.0
 8.0
 9.0
 10.0
 11.0
 12.0
 13.0
 14.0
 15.0
 16.0
 17.0
 18.0
 19.0
 20.0
 21.0
 22.0
 23.0
 24.0
 25.0
 26.0
 27.0
 28.0
 29.0
 30.0
 31.0
 32.0
 33.0
 34.0
 35.0
 36.0
 37.0
 38.0
 39.0
 40.0
 41.0
 42.0
 43.0
 44.0
 45.0
 46.0
 47.0
 48.0
 49.0
 50.0
 51.0
 52.0
 53.0
 54.0
 55.0
 56.0
 57.0
 58.0
 59.0
 60.0
 61.0
 62.0
 63.0
 64.0
 65.0
 66.0
 67.0
 68.0
 69.0
 70.0
 71.0
 72.0
 73.0
 74.0
 75.0
 76.0
 77.0
 78.0
 79.0
 80.0
 81.0
 82.0
 83.0
 84.0
 85.0
 86.0
 87.0
 88.0
 89.0
 90.0
 91.0
 92.0
 93.0
 94.0
 95.0
 96.0
 97.0
 98.0
 99.0
 100.0

507. 7819

No. 164 Survey Date Dec

Machine. Reel. Navy

Turns Cor. + Depth 2571

Shot or lead 60 lbs

Bottom m. or.

Bottom temperature 35.5

No. of thermometer 4815 Cor. -0.3

Corrected temperature 35.2

Air 72 Surface 70 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 11-35	12-00	0		
2. 4-31	10-45	100		
50	10-00	200		
35-00	09-00	300		
5	08-00	400		
	7-00	500		
5 50	06-00	600		
	05-00	700		
1-20	04-00	800		
22-40	02-45	900		
5-00	01-40	1000		
25-15	5-00 30	1100		
26-30	59-30	1200		
	58-30	1300		
	57-20	1400		
30-35	56-10	1500		
31-00	55-00	1600		
	54-00	1700		
34-50	52-55	1800		
36-15	51-45	1900		
	50-35	2000		
9-05	49-30	2100		
40-40	48-00	2200		
42-15	47-25	2300		
		2400		

	2500		
	2600		
	2700	27 50	
	2800		
	2900		
	3000		
	3100	4682	
	3200	2473	51
	3300	2259	128
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	69.8	54815	-0.3	69.5
50	65.8	66665	-0.2	65.6
100	59.3	52732	0.0	59.3
200	47.6	63913	-0.2	47.4
300	41.4	51451	-0.1	41.3
400	40.0	69478	0.0	40.0
500	62.3	69479		not reported
600	37.1	69485	+0.1	38.2
700	37.4	62364	+0.1	37.5
800	37.2	63903	-0.2	37.0
900	36.8	63902	0.0	36.8
1000		66724	did	not report

REMARKS:

No. *165* Date *Aug 21 1911*Machine. *1* Reel. *1*Turns *2400* Cor. + *170* Depth *2650*Shot or lead *60 lbs.*Bottom *bn. gy.*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *69* Surface *69* Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-15-30	22-00	0
16-30	21-40	100
17-45	21-20	200
18-15	21-00	300
19-15	20-40	400
20-45	20-20	500
21-30	20-00	600
22-45	19-40	700
23-30	19-20	800
24-30	19-00	900
25-45	18-40	1000
26-45	18-20	1100
28-00	18-00	1200
29-00	17-40	1300
30-00	17-20	1400
33-00	17-00	1500
34-00	16-40	1600
35-00	16-20	1700
37-00	16-00	1800
38-00	15-40	1900
40-00	15-20	2000
42-00	15-00	2100
43-00	14-40	2200
44-00	14-20	2300
45-00	14-00	2400

*stopped 4 minutes to
cool down engine
while looking
up things*

*Log read: 40.6
Run 19/10 knots while*

6-48-01	6-48-45	2500	7500	247
		2600	7480	40
		2700	7370	190
		2800		7480
		2900		7370
		3000		
		3100		
		3200		
		3300		
		3400	4612	24
		3500	7480	49
		3600	7370	190
		3700		7480
		3800		7370
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Towed surface net. Ten minutes. Caught.

small quantity
Verrill

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth 2655

Shot or lead

60 lbs.

Bottom

fine g.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

69

Surface

69

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	46 8 1/2
	3400	24 1/2
	3500	2 1/2
	3600	24 1/2
	3700	26 1/2
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *147* Date *May 11*
Dugies Machine. *#1* Reel. *Manly*
 Turns *116* Cor. + *4.0* Depth *120*
 Shot or lead *60 lbs.*
 Bottom *br. gy.*
 Bottom temperature *35.3*
 No. of thermometer *54815* Cor. *-0.3*
 Corrected temperature *35.0*
 Air *68* Surface *69* Drift *0*
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPT.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
	<i>47-4.5</i>	600		
	<i>116-4.0</i>	700		
		800		
	<i>1-2.0</i>	900		
	<i>43-0.5</i>	1000		
	<i>111-1.0</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11-22	11-22	2500		
		2600		
		2700		
		2800		7
		2900		
		3000		
		3100		
		3200		
		3300	4682	249
		3400	1500	4
		3500	2192	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 168 Survey Date Nov. 12/1871

Machine. Reel.

Turns Cor. + Depth 2691

Shot or lead, 60 lb

Bottom. OT.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 67 Surface 69 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
03.00	04.40	0		
04.15	06.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	46.52	219
		2600	46.52	219
		2700	46.52	219
		2800		219
		2900		219
		3000		
		3100		
		3200		
		3300	46.52	219
		3400	46.52	219
		3500	46.52	219
		3600		219
		3700		219
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

(112) 3.50.35		(115) 3.54.10		2500	4682	219
				2600	2573	45
				2700	2109	174
				2800		2573
				2900		2747
				3000		
				3100		
				3200		
				3300		
				3400	4682	219
				3500	2573	45
				3600	2109	174
				3700		2573
				3800		2747
				3900		
				4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 170 Date 10/1/1871
 Machine. Reel.
 Turns 2747 Cor. + 17 Depth 2724 fms.
 Shot or lead 60 lbs.
 Bottom br. gy.
 Bottom temperature 35.5
 No. of thermometer 54815 Cor. -0.3
 Corrected temperature 35.2
 Air 68 Surface 67 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-37-30	46-00	0		
38-00	45-00	100		
39-00	44-00	200		
40-00	43-00	300		
41-30	42-00	400		
42-30	41-00	500		
43-30	40-00	600		
44-30	39-00	700		
45-30	38-00	800		
46-30	36-00	900		
47-30	34-00	1000		
48-30	33-30	1100		
49-30	32-15	1200		
50-30	31-00	1300		
51-30	29-15	1400		
52-30	28-00	1500		
53-30	27-00	1600		
54-30	25-45	1700		
55-30	22-45	1800		
56-30	21-30	1900		
57-30	18-45	2000		
58-30	17-15	2100		
59-30	16-00	2200		
60-30	15-15	2300		
		2400		

Not log made 10/1/87
 H. W. Smith

Am.

6-09-31	2500	4682	219
10-31	2600	2547	46
	2700	2135	173
	2800		2547
	2900		2720
	3000		
	3100		
	3200		
	3300		
	3400	4682	219
	3500	2547	46
	3600		
	3700		
	3800		2720
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 2826

No. 111 Date July 11

Machine. 21 Reel. 11

Turns 2550 Cor. + 17.3 Depth 2567.3

Shot or lead 60 lbs

Bottom br. s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 69 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>58-50</u>	<u>02-0</u>	0		
<u>59-15</u>	<u>0-40</u>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

31-30 8-33-15	2500		
	2600	2550	41
	2700	2132	173
	2800		2550
	2900		2723
	3000		
	3100		
	3200		
	3300	11	1
	3400	2550	46
	3500	2132	173
	3600		2550
	3700		2723
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date Oct 18 1891

Diameter Machine. #1 Reel. Heavy

Turns Cor. +

Depth 27 5/8

Shot or lead 6

Bottom M. G.

Bottom temperature

No. of thermometer 54618 Cor. -0.3

Corrected temperature 35.2

Air 69 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10-47-0	44-40	2500	4682	210
72-0	10-44-0	2600	5565	46
		2700		170
		2800		2565
		2900		2735
		3000		
		3100		
		3200		
		3300	4682	219
		3400	2565	46
		3500	2117	173
		3600		2565
		3700		2738
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *173* Survey Date

Machine.

Reel.

*Sway*Turns *2568* Cor. + *143*Depth *2741*Shot or lead *60*

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *72* Surface *70*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>20.10</i>	<i>23</i>	0
<i>22.20</i>	<i>20</i>	100
<i>23.15</i>		200
<i>24.15</i>	<i>20</i>	300
<i>25.15</i>	<i>20</i>	400
		500
<i>27.20</i>	<i>18</i>	600
<i>28.25</i>	<i>17</i>	700
<i>30.30</i>	<i>16</i>	800
<i>30.25</i>	<i>16</i>	900
<i>31.40</i>	<i>15</i>	1000
<i>4.15</i>	<i>13</i>	1100
		1200
<i>36.30</i>	<i>12</i>	1300
	<i>10.40</i>	1400
	<i>09.30</i>	1500
<i>40.35</i>	<i>08.15</i>	1600
<i>42.00</i>	<i>07.00</i>	1700
<i>43.25</i>	<i>05.10</i>	1800
<i>44.45</i>	<i>04.00</i>	1900
	<i>03.00</i>	2000
	<i>01.45</i>	2100
<i>48.45</i>	<i>01.00</i>	2200
<i>50.15</i>	<i>00.10</i>	2300
<i>51.30</i>	<i>00.15</i>	2400

	2500		
	2600	2566	
	2700	2571	2568
	2800		2568
	2900		2568
	3000		
	3100		
	3200		
	3300		
	3400	2568	2568
	3500	2568	2568
	3600	2568	2568
	3700		2568
	3800		2568
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 174 Survey Date

Machine. Reel.

Turns Cor. + 126 Depth 2791

Shot or lead 60

Bottom mud

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 72 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0 41.40 0

41.00 100

40.20 200

39.50 300

30 38.50 400

47.35 38.00 500

40.35 37.10 600

50.50 36.20 700

51.55 35.30 800

53.00 34.40 900

54.15 33.45 1000

55.15 32.50 1100

56.20 31.55 1200

57.00 30.55 1300

58.40 29.50 1400

59.45 28.45 1500

3 01.10 37.40 1600

26.35 1700

40 25.30 1800

04.30 24.20 1900

16.15 23.10 2000

07.35 22.05 2100

08.45 20.55 2200

11 2300

2400

Malviti

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1. <i>Thymus</i>	1. <i>Thymus</i>
2. <i>Origanum</i>	2. <i>Origanum</i>
3. <i>Salvia</i>	3. <i>Salvia</i>
4. <i>Urtica</i>	4. <i>Urtica</i>
5. <i>Plantago</i>	5. <i>Plantago</i>
6. <i>Chenopodium</i>	6. <i>Chenopodium</i>
7. <i>Amaranthus</i>	7. <i>Amaranthus</i>
8. <i>Portulaca</i>	8. <i>Portulaca</i>
9. <i>Stachys</i>	9. <i>Stachys</i>
10. <i>Hypericum</i>	10. <i>Hypericum</i>
11. <i>Geranium</i>	11. <i>Geranium</i>
12. <i>Centaurium</i>	12. <i>Centaurium</i>
13. <i>Scrophularia</i>	13. <i>Scrophularia</i>
14. <i>Verbena</i>	14. <i>Verbena</i>
15. <i>Antennaria</i>	15. <i>Antennaria</i>
16. <i>Thalictrum</i>	16. <i>Thalictrum</i>
17. <i>Delphinium</i>	17. <i>Delphinium</i>
18. <i>Adonis</i>	18. <i>Adonis</i>
19. <i>Primula</i>	19. <i>Primula</i>
20. <i>Viola</i>	20. <i>Viola</i>
21. <i>Centaurea</i>	21. <i>Centaurea</i>
22. <i>Erigeron</i>	22. <i>Erigeron</i>
23. <i>Helianthus</i>	23. <i>Helianthus</i>
24. <i>Rudbeckia</i>	24. <i>Rudbeckia</i>
25. <i>Coreopsis</i>	25. <i>Coreopsis</i>
26. <i>Aster</i>	26. <i>Aster</i>
27. <i>Senecio</i>	27. <i>Senecio</i>
28. <i>Compositae</i>	28. <i>Compositae</i>
29. <i>Conium</i>	29. <i>Conium</i>
30. <i>Hyoscyamus</i>	30. <i>Hyoscyamus</i>
31. <i>Scopolia</i>	31. <i>Scopolia</i>
32. <i>Atropa</i>	32. <i>Atropa</i>
33. <i>Datura</i>	33. <i>Datura</i>
34. <i>Delphinium</i>	34. <i>Delphinium</i>
35. <i>Adonis</i>	35. <i>Adonis</i>
36. <i>Primula</i>	36. <i>Primula</i>
37. <i>Viola</i>	37. <i>Viola</i>
38. <i>Centaurea</i>	38. <i>Centaurea</i>
39. <i>Erigeron</i>	39. <i>Erigeron</i>
40. <i>Helianthus</i>	40. <i>Helianthus</i>
41. <i>Rudbeckia</i>	41. <i>Rudbeckia</i>
42. <i>Coreopsis</i>	42. <i>Coreopsis</i>
43. <i>Aster</i>	43. <i>Aster</i>
44. <i>Senecio</i>	44. <i>Senecio</i>
45. <i>Compositae</i>	45. <i>Compositae</i>
46. <i>Conium</i>	46. <i>Conium</i>
47. <i>Hyoscyamus</i>	47. <i>Hyoscyamus</i>
48. <i>Scopolia</i>	48. <i>Scopolia</i>
49. <i>Atropa</i>	49. <i>Atropa</i>
50. <i>Datura</i>	50. <i>Datura</i>

No. 175 Date Nov 12 1891

Sigsbee Machine. #1 Reel. No.

Turns 60 Cor. + 77 Depth 137 fms

Shot or lead 60 lbs.

Bottom fine g.

Bottom temperature 35.7

No. of thermometer 54815 Cor. -0.3

Corrected temperature 35.4

Air 71 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5-34-		0		
5-35-		100		
5-36-		200		
5-37-		300		
5-38-		400		
5-39-		500		
5-40-		600		
5-41-		700		
5-42-		800		
5-43-		900		
5-44-		1000		
5-45-		1100		
5-46-		1200		
5-47-		1300		
5-48-		1400		
5-49-		1500		
5-50-		1600		
5-51-		1700		
5-52-		1800		
5-53-		1900		
5-54-		2000		
5-55-		2100		
5-56-		2200		
5-57-		2300		
5-58-		2400		

04-10 05-0	18-25 6-9-35	2500	4682	219
		2600	2643	4
		2643	2039	177
		2700		2643
		2800		2820
		2900		
		3000		
		3100		
		3200		
		3300		
		3400	4682	219
		3500	2643	42
		3600	2040	177
		3700		2643
		3800		2820
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2831

No.

Date

Sigsbee Machine. Reel. Hand

Turns 2600 Cor. +

Depth 2700

Shot or lead 60 lbs

Bottom br. oz.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 71 Surface 70 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

24	26.00	0
25	26.05	100
26	26.10	200
27	26.15	300
28	26.20	400
29	26.25	500
30	26.30	600
31	26.35	700
32	26.40	800
33	26.45	900
34	26.50	1000
35	26.55	1100
36	27.00	1200
37	27.05	1300
38	27.10	1400
39	27.15	1500
40	27.20	1600
41	27.25	1700
42	27.30	1800
43	27.35	1900
44	27.40	2000
45	27.45	2100
46	27.50	2200
47	27.55	2300
48	28.00	2400

114	1712	2500	2612	2610
57	1712	2600	2612	2610
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300	41612	14
		3400	2610	14
		3500	2612	14
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2837* Date *Sept 1*
Sept 1 Machine *1* Reel *Hand*

Turns *2500* Cor. + *1* Depth *2500*

Shot or lead *60 lb*

Bottom *bn. oz*

Bottom temperature *0*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *70* Surface *70* Drift *—*

Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	<i>05.00</i>	0		
		100		
		200		
		300		
		400		
		500		
	<i>05.40</i>	600		
	<i>06.20</i>	700		
	<i>07.00</i>	800		
	<i>07.40</i>	900		
	<i>08.20</i>	1000		
	<i>09.00</i>	1100		
	<i>09.40</i>	1200		
	<i>10.20</i>	1300		
	<i>11.00</i>	1400		
<i>11.40</i>	<i>11.40</i>	1500		
	<i>12.20</i>	1600		
	<i>13.00</i>	1700		
<i>13.40</i>	<i>13.40</i>	1800		
<i>14.20</i>	<i>14.20</i>	1900		
<i>15.00</i>	<i>15.00</i>	2000		
<i>15.40</i>	<i>15.40</i>	2100		
<i>16.20</i>	<i>16.20</i>	2200		
<i>17.00</i>	<i>17.05</i>	2300		
<i>17.40</i>	<i>17.40</i>	2400		

Sept 1 1893

16 knots - 1 mile - 1 hour

	2500	26.82	28.27
	2600	26.82	
	2700	26.82	
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	26.82	
	3400	26.82	
	3500	26.82	
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 178 Date Oct 13-1871

Machine. Reel.

Turns 1942 + 142 Depth 2084

Shot or lead 60 lbs.

Bottom fine ss

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TIME.

DREDGE ROPE.

DOWN.

UP.

1-34-00	1-00	0
25-00	1-10	100
30-00	1-20	200
37-00	1-30	300
38-10	1-40	400
39-10	1-50	500
40-10	2-00	600
41-10	2-10	700
42-10	2-20	800
43-10	2-30	900
44-10	2-40	1000
46-10	2-50	1100
47-10	3-00	1200
48-10	3-10	1300
49-10	3-20	1400
50-10	3-30	1500
51-10	3-40	1600
52-10	3-50	1700
53-10	4-00	1800
54-10	4-10	1900
55-10	4-20	1942
		2000
		2100
		2200
		2300
		2400

9/10

	2500	4682	210
	2600	1942	21
	2700	2740	143
	2800		143
	2900		2085
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	210
	3600	1942	21
	3700	2740	143
	3800		1942
	3900		2085
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1 Date

Machine. / Reel

Turns 217 Cor. + 14 Depth

Shot or lead 60 lbs.

Bottom

Bottom temperature 35.4

No. of thermometer 54815 Cor. -0.3

Corrected temperature 35.1

Air 71 Surface 72 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2-31-15	21-00	0
32-15	20-00	100
33-15	19-10	200
34-00	18-15	300
34-45	17-15	400
35-45	16-15	500
36-15	15-30	600
37-15	14-30	700
38-45	13-20	800
39-45	12-20	900
40-15	11-10	1000
41-15	10-00	1100
42-15	09-00	1200
43-15	07-40	1300
44-15	06-30	1400
45-15	05-30	1500
46-15	04-30	1600
47-15	03-00	1700
48-15	01-45	1800
49-15	00-00	1900
50-15	59-00	2000
51-15	57-50	2100
52-15	56-00	2200
53-15	54-00	2300
54-15	52-00	2400

	2500	4682	219
	2600	<u>2127</u>	<u>66</u>
	2700	2555	153
	2800		<u>2127</u>
	2900		<u>2280</u>
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	<u>2127</u>	<u>66</u>
	3700	2555	153
	3800		<u>2127</u>
	3900		<u>2280</u>
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

31st May, 1891. 31st May, 1891.

No. 180 Date Nov 13-1891

Sigsbee Machine #1 Reel. Navy.

Turns 222 Cor. + Depth

Shot ~~at least~~ 60 lbs.

Bottom bu. oz

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 70 Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	4682	219
	2600	<u>5221</u>	61
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	119
	3600	<u>2221</u>	61
	3700	<u>2461</u>	108
	3800		<u>2221</u>
	3900		2379
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 111 Date

Machine. #1 Reel.

Turns Cor. +

Depth 2727

Shot or lead 60 lbs

Bottom bn gy. s

Bottom temperature

No. of thermometer

Cor. —

Corrected temperature

Air 70 Surface 70

Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
5-39-30	" "	0		
" "	" "	100		
" "	" "	200		
" "	" "	300		
" "	" "	400		
" "	" "	500		
" "	" "	600		
" "	" "	700		
48-10	" "	800		
" "	" "	900		
17-30	" "	1000		
" "	" "	1100		
113-00	" "	1200		
171-00	" "	1300		
" "	" "	1400		
5-7-0	27-20	1500		
5-8-00	" "	1600		
59-45	25-0	1700		
5-01-10	26-10	1800		
" "	27-30	1900		
" "	" "	2000		
" "	" "	2100		
" "	" "	2200		
" "	" "	2300		
" "	" "	2400		

	2500	11.20	11.3
	2600		
	2700	21.20	11.3
	2800		25.54
	2900		27.27
	3000		
	3100		
	3200		
	3300	to	
	3400	38 W 7/8 34	
	3500		
	3600	46.52	2.2
	3700	25.54	2.2
	3800	21.28	1.00
	3900		2.55
	4000		27.27

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *104* Date *July 17/90**Cooker* Machine. *1* Reel.Turns *2060* Cor. +Depth *2733* fmsShot or lead *60 lbs*Bottom *sn. oz*Bottom temperature *35*No. of thermometer *5785*Cor. *-0.3*Corrected temperature *35.3*Air *70*Surface *70*

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

<i>9.07.00</i>	<i>9.10.45</i>	2500		
<i>08.00</i>	<i>08.30</i>	2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	<i>46.00</i>	<i>2.7</i>
		3600	<i>25.60</i>	<i>46</i>
		3700	<i>21.00</i>	<i>173</i>
		3800		<i>1.00</i>
		3900		<i>2733</i>
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date *Oct. 16*

Machine. Reel.

Turns *2570* Cor. + *174* Depth *27* fms.Shot or lead *6*Bottom *m. G.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *73* Surface *72* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>11.18.10</i>	<i>07-00</i>	0		
	<i>05-45</i>	100		
<i>10.00</i>	<i>05-00</i>	200		
	<i>02-30</i>	300		
	<i>01-20</i>	400		
<i>11.00</i>	<i>00-20</i>	500		
<i>11.00</i>	<i>59.40</i>	600		
	<i>58.45</i>	700		
<i>11.15</i>	<i>57.45</i>	800		
	<i>56.50</i>	900		
	<i>55.55</i>	1000		
<i>11.00</i>	<i>54.20</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
<i>12.25</i>	<i>44.35</i>	1700		
<i>12.50</i>	<i>46.25</i>	1800		
<i>12.42.20</i>	<i>45.15</i>	1900		
<i>25.50</i>	<i>44.00</i>	2000		
<i>27.20</i>	<i>42.50</i>	2100		
<i>28.05</i>	<i>41.40</i>	2200		
<i>28.45</i>	<i>40.30</i>	2300		
<i>28</i>	<i>11.39.20</i>	2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

J.M.

1-47-00	49-2	2500	4682	219
47-30	1-49-10	2550	2526	47
		2600	2156	172
		2700		2526
		2800		2698
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	4682	219
		3600	2526	47
		3700	2156	172
		3800		2526
		3900		2698
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 185 Date 13-10-11

Machine. Reel.

Turns Cor. + Depth

Shot or lead 60 lbs.

Bottom

Bottom temperature

No. of thermometer 54815 Cor. -0.3

Corrected temperature 35.3

Air 72 Surface 72 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-34-00		0		
34-50		100		
		200		
36-15		300		
37-30		400		
		500		
39-30		600		
41-20		700		
41-30		800		
42-10		900		
42-30		1000		
44-10		1100		
45-20		1200		
46-10		1300		
		1400		
48-10		1500		
49-30		1600		
51-45		1700		
53-15		1800		
54-30		1900		
56-10		2000		
57-40		2100		
59-30		2200		
		2300		
		2400		

Interval - 12' - 1

Long reach: 7:30

Raw 1-11 knots while working

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	<u>2609</u>	<u>44</u>
	3700	2673	175
	3800		<u>2600</u>
	3900		2784
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS
 Shifted oscillating engine,
 & put back the old Sigbee
 engine.

7841

No. *166* Date *Aug 27*
 Machine. *Sigsbee* Reel. *No. 1*
 Turns *2348* Cor. + *163* Depth *2511*
 Shot or lead *60 lbs*
 Bottom *br. gy.*
 Bottom temperature *-*
 No. of thermometer *-* Cor. *-*
 Corrected temperature *-*
 Air *72* Surface *71* Drift *-*
 Trawl or dredge *-*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
<i>6.50</i>		900		
<i>8.00</i>		1000		
		1100		
<i>10.20</i>		1200		
		1300		
<i>12.40</i>		1400		
		1500		
		1600		
<i>18.00</i>		1700		
		1800		
		1900		
<i>21.20</i>		2000		
		2100		
<i>22.40</i>		2200		
<i>24.00</i>		2300		
<i>25.10</i>		2400		

Log read: 11 knots while reeling in.

	2500	4682	210
	2600	2335	165
	2700	2337	165
	2800		2345
	2900		2510
	3000		
	3100		
	3200		
	3300		
	3400	4682	210
	3500	2345	54
	3600	2337	165
	3700		2345
	3800		2510
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7842

No.

Date

Machine.

Reel.

Turns 7364 Cor. + 166

Depth 7530

Shot or lead 60 lbs.

Bottom m. G.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

72

Surface

71

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6. 59. 40

4. 01. 05

02. 50

03. 50

04. 50

05. 50

06. 50

07. 50

08. 50

09. 50

10. 50

11. 50

12. 50

13. 50

14. 50

15. 50

16. 50

17. 50

18. 50

19. 50

20. 50

21. 50

22. 50

23. 50

24. 50

25. 50

26. 50

27. 50

28. 50

29. 50

30. 50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Log read: 2400

Raw 1.5 knots while pulling in

Inclined to port

	2500	4	
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4652	219
	3600	<u>7366</u>	<u>50</u>
	3700	7318	165
	3800		<u>5300</u>
	3900		<u>2020</u>
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 188 Date Jan 13-1891

Sigsbee Machine #1 Reel No.

Turns 1546 Cor. + 177 Depth 1723 fms.

Shot or lead 60 lbs.

Bottom m. gy.

Bottom temperature 35.2

No. of thermometer 54815 Cor. -0.3

Corrected temperature 35.2

Air 71 Surface 71 Drift—

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
20-00	30-30	0		
21-30	29-30	100		
22-45	28-30	200		
23-15	27-30	300		
24-45	26-30	400		
26-00	25-30	500		
27-00	26-30	600		
28-00	25-30	700		
29-10	24-25	800		
30-00	23-30	900		
31-30	22-30	1000		
32-45	21-30	1100		
34-00	20-30	1200		
35-15	19-30	1300		
36-30	18-30	1400		
38-00	17-30	1500		
39-20	16-30	1600		
40-40	15-30	1700		
42-00	14-10	1800		
43-30	13-15	1900		
45-00	12-00	2000		
46-30	10-45	2100		
48-00	10-00-00	2200		
49-45	9-58-40	2300		
51-30	9-57-45	2400		

Log read: 79.6
 Raw. 7/16 knots while pulling in.

0.7M.

9-53-00	56-20	2500	4682	210
		2600	2546	46
55-45	9-56-00	2700	2136	173
		2800		
		2900		2719
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	4682	219
		3600	2546	46
		3700	2136	173
		3800		2546
		3900		2719
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 189 Survey Date Nov^r 13 1881
 Sigsbee Machine Reel 400

Turns 2500 Cor. + 72 Depth 2521 fms

Shot or lead 60 lbs

Bottom m. gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 70 Surface 71 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-56-30		0		
57-45		100		
58-45		200		
59-45		300		
Ar. 12-05-45		400		
11-56-45		500		
12-07-45		600		
12-08-45		700		
12-09-45		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read: 11.6 - bottom 12' -
 Row 12 - knots while pulling in.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	46.82	219
	3600	<u>26.45</u>	<u>82</u>
	3700	20.37	17.7
	3800		<u>26.45</u>
	3900		28.22
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

2570 fms.

Shot or lead

60 lbs.

Bottom

m. gy. Lava.

Bottom temperature

No. of thermometer

54815

Cor. -0.3

Corrected temperature

35.1

Air

69

Surface

71

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TIME.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

log read: knots while hauling in.
 have

	2500	4682	219
	2600	<u>2403</u>	<u>52</u>
	2700		
	2800	2279	167
	2900		<u>2403</u>
	3000		2570
	3100		
	3200		
	3300		
	3400		
	3500	4682	219
	3600	<u>2403</u>	<u>52</u>
	3700	2279	167
	3800		<u>2403</u>
	3900		2570
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2846

No. _____ Date _____
 Machine. " / Reel. 11

Turns 70.99 Cor. + 1.10 Depth

Shot or lead 62

Bottom 10

Bottom temperature

No. of thermometer _____ Cor.

Corrected temperature

Air 6.9 Surface 71 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	3 11	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
	7 00	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log read:

Raw 1.10 knots while reeling in.

06-5-4-69-5	2500		
	2600	2545	44
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	4682	219
	3500	2595	44
	3600	2087	175
	3700		2535
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *192* Date *Nov 1902*Machine. *Sigsbee* Reel.Turns *192* Cor. + *0* Depth *192*Shot or lead *35*Bottom *gy. m.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *55* Surface *55*

Drift

Trawl or dredge *Agassiz*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Log read: 192
Raw in knots while pulling in
12 knots

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 2847

No. 192 Survey. Date 10-7-14-1891.
 Sigbee Machine. #1 Reel Navy.

Turns 2801 Cor. + 176 Depth 2801

Shot on lead 60 lbs.

Bottom m. gy.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 72 Surface 72 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
42-30	49-30	0		
43-20	48-30	100		
44-10	47-30	200		
45-00	46-30	300		
46-00	45-30	400		
47-00	44-30	500		
48-15	43-45	600		
49-00	42-30	700		
50-00	41-30	800		
51-45	40-45	900		
53-00	39-15	1000		
54-00	38-20	1100		
55-00	37-25	1200		
56-30	36-45	1300		
57-00	35-45	1400		
58-00	34-45	1500		
59-00	33-45	1600		
1-00	32-45	1700		
1-15	31-15	1800		
1-30	30-15	1900		
1-45	29-10	2000		
2-00	28-10	2100		
2-15	27-10	2200		
2-30	26-00	2300		
2-45	25-45	2400		

log read: 11 knots while reeling in
 Saw

No. *17848* Date *1881*
Machine. *17* Reel. *17*

Turns *2555* Cor. + *173* Depth *2*

Shot or lead *60 lb*

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *72* Surface *72* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
	<i>1/6-40</i>	1500		
	<i>15-4</i>	1600		
		1700		
	<i>17</i>	1800		
	<i>17</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

log read:

Raw knots while hauling in

12-33-45	36-50	2500	4682	219
34-45	42-36-25	2555	2555	46
		2600		
		2700	2127	175
		2800		2555
		2900		2728
		3000		
		3100		
		3200		
		3300		
		3400	4682	219
		3500	2555	46
		3600	2127	173
		3700		2555
		3800		2728
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2-48-12

2549

No. 194. Survey Date Apr. 14/91.
 Machine. Reel. *Clay*
 Turns 2535 Cor. + 172 Depth 2707

Shot or lead 65 lbs.

Bottom bn oz.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 74 Surface 72 Drift —

Trawl or dredge —

Sampling Wire

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
2-13-40	19-30	0	2-45-40	49-40 2500
14-40	18-50	100	46-0	2535 49-40 2500
15-40	18-10	200	26-00	2-49-40 2500
16-40	17-25	300	27-00	27-00
17-40	16-45	400		
18-45	16-0	500		
19-50	15-10	600		
20-55	14-40	700		
22-0	13-25	800		
23-20	12-25	900		
24-30	11-20	1000		
25-45	10-20	1100		
27-0	09-10	1200		
28-15	08-10	1300		
29-40	07-5	1400		
31-0	06-10	1500		
32-20	05-10	1600		
33-45	04-0	1700		
35-5	03-0	1800		
36-45	3-02-0	1900		
38-0	59-30	2000		
39-30	57-30	2100		
40-0	55-0	2200		
42-30	53-25	2300		
44-5	52-0	2400		

Log read: 62:4 Interval: 12'
Ran 1-5 knots while reeling in.

$$\begin{array}{r} 4682 \\ 2535 \\ \hline 2147 \end{array}$$

$$\begin{array}{r} 219 \\ 47 \\ \hline 172 \\ 2535 \\ \hline 2707 \end{array}$$

$$\begin{array}{r} 4682 \\ 2535 \\ \hline 2147 \end{array}$$

$$\begin{array}{r} 219 \\ 47 \\ \hline 172 \\ 2535 \\ \hline 2707 \end{array}$$

